

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
January
2007

Edmund G. Brown Jr.
Governor
State of California

John Laird
Secretary for Resources
The Resources Agency

Mark Cowin
Director
Department of Water Resources

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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The organization shown above represents staff and positions relevant to this report as of publication date on December 2011. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of January 2007.

Statewide precipitation was about 55 percent of average for the 2006-2007 water year through January 31. Statewide runoff was 55 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "http://cdec.water.ca.gov/snow_rain.html".

Snow pack water content overall was about 40 percent of average at the end of January compared to 110 percent at this time in 2006. The pack was 25 percent of the April 1 average, which is the normal date of maximum accumulation.

Runoff was about half average for the season ranging from a very low 10 percent on the Central Coast to about average in the Owens River (which was mostly residual base flow runoff from 2006). Runoff on this date in 2006 was 190 percent of average. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions in January 2007 was 0.85 maf.

Total storage in major SWP reservoirs at the end of January 2007 was about 4.44 maf, compared with about 4.53 maf at this time in 2006. On January 31, 2007, end-of-month storage at Lake Oroville was about 2.79 maf, the same as it was at this time in 2006. The State's share of San Luis Reservoir end-of-month storage was about 1.16 maf, as compared with 1.15 maf at this time in 2006. The combined storage in SWP's southern reservoirs was about 478 taf, compared with about 586 taf at this time in 2006.

SWP water deliveries for January 2007 were about 360 taf. This is a combination of project, transfer, and exchange waters. This is about 83 taf more than that delivered during the same period in 2006.

The Coordinated Operations Agreement (COA) remained in "Excess" conditions throughout the month of January 2007. In December 2006, the United States Bureau of Reclamation and the California Department of Water Resources agreed that the accumulated USBR-COA account balance be eliminated (zeroed out) because of flood control operations, this "zero" balance remained through the end of January.

On January 6, Los Angeles Dept. of Water and Power informed DWR at 1225 hours that they are unable to start Castaic Power Plant due to silt in the units and cooling water systems. They asked that all power contracts for next week be cancelled. This caused major scheduling changes as DWR was going to begin operating the West Branch.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Dec 31	4995.48	16,950								
1	4995.45	16,936	-14	20	0	0	0	1	21	
2	4995.42	16,912	-24	20	0	0	0	1	21	
3	4995.44	16,928	16	20	0	0	0	1	21	
4	4995.53	16,999	71	20	0	0	0	1	21	
5	4995.52	16,991	-8	20	0	0	0	1	21	
6	4995.52	16,991	0	20	0	0	0	1	21	
7	4995.50	16,975	-16	20	0	0	0	1	21	
8	4995.48	16,959	-16	20	0	0	0	1	21	
9	4995.46	16,944	-15	20	0	0	0	1	21	
10	4995.45	16,936	-8	20	0	0	0	1	21	
11	4995.42	16,912	-24	20	0	0	0	1	21	
12	4995.38	16,881	-31	20	0	0	0	1	21	
13	4995.35	16,857	-24	20	0	0	0	1	21	
14	4995.32	16,834	-23	20	0	0	0	1	21	
15	4995.28	16,802	-32	20	0	0	0	1	21	
16	4995.25	16,779	-23	20	0	0	0	1	21	
17	4995.21	16,748	-31	20	0	0	0	1	21	
18	4995.18	16,724	-24	20	0	0	0	1	21	
19	4995.15	16,701	-23	20	0	0	0	1	21	
20	4995.11	16,670	-31	20	0	0	0	1	21	
21	4995.07	16,638	-32	20	0	0	0	1	21	
22	4995.04	16,615	-23	20	0	0	0	1	21	
23	4995.00	16,584	-31	20	0	0	0	1	21	
24	4994.98	16,568	-16	20	0	0	0	1	21	
25	4994.94	16,537	-31	20	0	0	0	1	21	
26	4994.91	16,514	-23	20	0	0	0	1	21	
27	4994.89	16,499	-15	20	0	0	0	1	21	
28	4994.85	16,468	-31	20	0	0	0	1	21	
29	4994.82	16,444	-24	20	0	0	0	0	20	
30	4994.79	16,421	-23	20	0	0	0	0	20	
31	4994.76	16,398	-23	20	0	0	0	0	20	
Total cfs-days				---	620	0	0	28	648	
Total ac-ft				-552	1,230	0	0	55	1,285	
									733	

Table 2. Frenchman Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract 1/	Water Right				
Dec 31	5579.20	42,631								
1	5579.20	42,631	0	2	0	0	0	2	4	
2	5579.20	42,631	0	2	0	0	0	2	4	
3	5579.21	42,644	13	2	0	0	0	2	4	
4	5579.27	42,725	81	2	0	0	0	2	4	
5	5579.28	42,738	13	2	0	0	0	2	4	
6	5579.31	42,779	41	2	0	0	0	2	4	
7	5579.31	42,779	0	2	0	0	0	2	4	
8	5579.31	42,779	0	2	0	0	0	2	4	
9	5579.31	42,779	0	2	0	0	0	2	4	
10	5579.30	42,765	-14	2	0	0	0	2	4	
11	5579.30	42,765	0	2	0	0	0	2	4	
12	5579.31	42,779	14	2	0	0	0	2	4	
13	5579.31	42,779	0	2	0	0	0	2	4	
14	5579.31	42,779	0	2	0	0	0	2	4	
15	5579.29	42,752	-27	2	0	0	0	2	4	
16	5579.29	42,752	0	2	0	0	0	2	4	
17	5579.29	42,752	0	2	0	0	0	1	3	
18	5579.29	42,752	0	2	0	0	0	1	3	
19	5579.30	42,765	13	2	0	0	0	1	3	
20	5579.30	42,765	0	2	0	0	0	1	3	
21	5579.31	42,779	14	2	0	0	0	1	3	
22	5579.30	42,765	-14	2	0	0	0	1	3	
23	5579.31	42,779	14	2	0	0	0	1	3	
24	5579.31	42,779	0	2	0	0	0	1	3	
25	5579.31	42,779	0	2	0	0	0	1	3	
26	5579.31	42,779	0	2	0	0	0	1	3	
27	5579.31	42,779	0	2	0	0	0	1	3	
28	5579.32	42,792	13	2	0	0	0	1	3	
29	5579.32	42,792	0	2	0	0	0	1	3	
30	5579.33	42,806	14	2	0	0	0	1	3	
31	5579.33	42,806	0	2	0	0	0	1	3	
Total cfs-days				---	62	0	0	47	109	
Total ac-ft				175	123	0	0	94	217	
									198	
									392	

1/ Last Chance Creek Water District

Table 3. Lake Davis

Daily Operation
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/				
Dec 31	5766.74	54,631								
1	5766.72	54,567	-64	23	0	0.4	0	4	27	
2	5766.70	54,504	-63	23	0	0.4	0	4	27	
3	5766.68	54,441	-63	23	0	0.4	0	4	27	
4	5766.78	54,757	316	23	0	0.4	0	4	27	
5	5766.77	54,726	-31	10	0	0.4	0	4	14	
6	5766.78	54,757	31	3	0	0.4	0	4	7	
7	5766.78	54,757	0	3	0	0.4	0	4	7	
8	5766.77	54,726	-31	3	0	0.4	0	4	7	
9	5766.77	54,726	0	3	0	0.4	0	4	7	
10	5766.74	54,631	-95	25	0	0.4	0	4	29	
11	5766.73	54,599	-32	50	0	0.4	0	4	54	
12	5766.67	54,409	-190	87	0	0.4	0	4	91	
13	5766.58	54,126	-283	125	0	0.4	0	4	129	
14	5766.51	53,905	-221	125	0	0.4	0	4	129	
15	5766.44	53,686	-219	125	0	0.4	0	4	129	
16	5766.36	53,436	-250	125	0	0.4	0	3	128	
17	5766.25	53,093	-343	125	0	0.4	0	3	128	
18	5766.14	52,751	-342	148	0	0.4	0	3	152	
19	5766.04	52,441	-310	175	0	0.4	0	3	178	
20	5765.94	52,133	-308	175	0	0.4	0	3	178	
21	5765.84	51,826	-307	175	0	0.4	0	3	178	
22	5765.73	51,489	-337	175	0	0.4	0	3	178	
23	5765.63	51,184	-305	175	0	0.4	0	3	178	
24	5765.52	50,850	-334	175	0	0.4	0	3	178	
25	5765.45	50,638	-212	134	0	0.4	0	3	137	
26	5765.38	50,427	-211	100	0	0.4	0	3	103	
27	5765.30	50,186	-241	100	0	0.4	0	3	103	
28	5765.24	50,006	-180	100	0	0.4	0	3	103	
29	5765.24	49,856	-150	74	0	0.4	0	3	77	
30	5765.17	49,796	-60	36	0	0.4	0	3	39	
31	5765.14	49,706	-90	23	0	0.4	0	3	26	
Total cfs-days				---	2,654	0	12	0	108	
Total ac-ft				-4,925	5,265	0	25	0	215	
									2,775	
									292	
									5,505	
									580	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow		
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/	
Dec 31	848.83	2,792,685											
	1 849.43	2,800,710	8,025	420	5	0	0	37	0	462	0	8,487	
	2 849.79	2,805,532	4,822	3,964	4	0	0	99	0	4,067	0	8,889	
	3 849.80	2,805,666	134	7,889	4	0	0	58	0	7,951	0	8,085	
	4 850.34	2,812,911	7,245	7,059	4	0	0	0	0	7,063	0	14,308	
	5 850.43	2,814,119	1,208	8,786	5	0	0	58	0	8,849	0	10,057	
	6 850.70	2,817,748	3,629	4,874	5	0	0	58	0	4,937	0	8,566	
	7 850.86	2,819,900	2,152	4,548	5	0	0	75	0	4,628	0	6,780	
	8 851.00	2,821,783	1,883	4,627	5	0	0	50	0	4,682	0	6,565	
	9 850.56	2,815,866	-5,917	12,148	5	0	0	33	0	12,186	0	6,269	
	10 849.96	2,807,811	-8,055	12,835	5	0	0	33	0	12,873	0	4,818	
	11 849.95	2,807,677	-134	5,662	5	0	0	25	0	5,692	0	5,558	
	12 849.80	2,805,666	-2,011	7,544	5	0	0	107	0	7,656	0	5,645	
	13 849.49	2,801,513	-4,153	7,956	4	0	0	123	0	8,083	0	3,930	
	14 849.31	2,799,103	-2,410	9,183	4	0	0	0	0	9,187	0	6,777	
	15 849.51	2,794,690	-4,413	7,454	5	0	0	156	0	7,615	0	3,202	
	16 848.96	2,794,422	-268	5,622	5	0	0	0	0	5,627	0	5,359	
	17 849.18	2,797,364	2,942	2,881	0	0	0	165	0	3,046	0	5,988	
	18 849.41	2,800,442	3,078	2,142	5	0	0	123	0	2,270	0	5,348	
	19 848.97	2,794,556	-5,886	9,598	5	0	0	115	0	9,718	0	3,832	
	20 849.27	2,798,568	4,012	2,723	7	0	0	82	0	2,812	0	6,824	
	21 849.39	2,800,173	1,605	4,688	6	0	0	91	0	4,785	0	6,390	
	22 849.33	2,799,371	-802	4,294	6	0	0	156	0	4,456	0	3,654	
	23 849.19	2,797,498	-1,873	6,339	6	0	0	74	0	6,419	0	4,546	
	24 849.16	2,797,097	-401	4,668	7	0	0	33	0	4,708	0	4,307	
	25 849.01	2,795,091	-2,006	5,705	7	0	0	82	0	5,794	0	3,788	
	26 849.05	2,795,625	534	3,921	6	0	0	58	0	3,985	0	4,519	
	27 849.39	2,800,174	4,549	2,057	6	0	0	49	0	2,112	0	6,661	
	28 849.60	2,802,986	2,812	2,025	6	0	0	25	0	2,056	0	4,868	
	29 849.17	2,797,230	-5,756	7,944	6	0	0	58	0	8,008	0	2,252	
	30 849.00	2,794,957	-2,273	6,359	6	1	0	82	0	6,448	0	4,175	
	31 848.96	2,794,422	-535	3,769	6	1	0	66	0	3,842	0	3,307	
Total				1,737	179,684	157	2	0	2,171	0	182,014	0	183,751

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation
(in acre-feet except as noted)

January 2007

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Dec 31	23,677										
1	23,307	-370	420	513	0	80	0	3	1,359	0	139
2	23,861	554	3,964	513	0	2,716	0	3	1,349	0	145
3	23,775	-86	7,889	512	0	7,000	0	3	1,349	0	-135
4	23,342	-433	7,059	513	0	6,794	0	3	1,347	0	139
5	23,971	629	8,786	487	0	7,524	0	3	1,349	0	232
6	23,596	-375	4,874	472	0	3,879	0	3	1,349	0	-490
7	24,263	667	4,548	489	0	3,114	0	4	1,349	0	97
8	23,602	-661	4,627	512	0	4,662	0	4	1,351	0	217
9	23,202	-400	12,148	511	0	11,908	0	4	1,349	0	202
10	23,308	106	12,835	512	0	12,146	0	4	1,349	0	258
11	23,666	358	5,662	513	0	4,674	0	4	1,349	0	210
12	23,803	137	7,544	512	0	6,818	0	4	1,351	0	254
13	23,774	-29	7,956	512	0	7,256	0	4	1,351	0	114
14	23,733	-41	9,183	512	0	8,676	0	4	1,351	0	295
15	23,500	-233	7,454	512	0	7,028	0	4	1,349	0	182
16	23,891	391	5,622	512	0	4,562	0	4	1,351	0	174
17	23,718	-173	2,881	512	0	2,328	0	4	1,351	0	117
18	23,737	19	2,142	430	0	1,336	0	4	1,351	0	138
19	24,023	286	9,598	513	0	8,738	0	4	1,357	0	274
20	23,817	-206	2,723	514	0	2,228	0	4	1,353	0	142
21	23,973	156	4,688	513	0	3,776	0	4	1,351	0	86
22	23,840	-133	4,294	513	0	3,764	0	4	1,351	0	179
23	24,059	219	6,339	512	0	5,440	1	4	1,351	0	164
24	23,787	-272	4,668	512	0	4,286	1	4	1,351	0	190
25	23,642	-145	5,705	511	0	5,166	1	4	1,349	0	159
26	23,763	121	3,921	510	0	3,098	1	4	1,349	0	142
27	23,739	-24	2,057	389	0	1,234	1	4	1,351	0	120
28	24,095	356	2,025	408	0	798	1	4	1,351	0	77
29	23,771	-324	7,944	400	0	7,522	1	4	1,376	0	235
30	23,726	-45	6,359	392	0	5,808	1	4	1,289	0	306
31	22,734	-992	3,769	513	0	3,133	1	4	1,366	0	-770
Total		-943	179,684	15,249	0	157,492	9	118	41,849	0	3,592

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Dec 31	127.68	24,880										
1	126.01	20,199	-4,681	80	1,628	0	613	340	2,241	0	61	3,600
2	125.09	17,808	-2,391	2,716	1,630	10	610	339	2,261	0	-257	3,610
3	126.09	20,413	2,605	7,000	1,634	6	615	350	2,261	0	471	3,610
4	126.57	21,717	1,304	6,794	1,617	6	593	345	2,241	0	-688	3,588
5	127.46	24,237	2,520	7,524	1,609	6	590	343	2,261	0	-195	3,610
6	127.29	23,745	-492	3,879	1,601	6	583	341	2,261	0	421	3,610
7	126.60	21,799	-1,946	3,114	1,600	6	581	341	2,261	0	-271	3,610
8	126.63	21,882	83	4,662	1,600	6	590	359	2,241	0	217	3,592
9	128.87	28,500	6,618	11,908	1,549	6	585	424	2,261	0	-465	3,610
10	131.00	35,556	7,056	12,146	1,547	5	585	452	2,261	0	-240	3,610
11	130.85	35,035	-521	4,674	1,547	4	583	450	2,261	0	-350	3,610
12	131.37	36,856	1,821	6,818	1,545	4	585	500	2,261	0	-102	3,612
13	131.92	38,829	1,973	7,256	1,545	4	585	500	2,261	0	-388	3,612
14	132.88	42,387	3,558	8,676	1,547	4	583	500	2,261	0	-223	3,612
15	133.43	44,491	2,104	7,028	1,547	2	583	210	2,261	0	-321	3,610
16	133.45	44,568	77	4,562	1,503	0	583	0	2,261	0	-138	3,612
17	132.87	42,349	-2,219	2,328	1,500	0	581	0	2,261	0	-205	3,612
18	132.06	39,339	-3,010	1,336	1,500	0	581	0	2,241	0	-24	3,592
19	133.10	43,223	3,884	8,738	1,500	0	590	0	2,261	0	-503	3,618
20	132.49	40,924	-2,299	2,228	1,500	0	583	0	2,261	0	-183	3,614
21	132.29	40,183	-741	3,776	1,500	0	583	0	2,261	0	-173	3,612
22	132.23	39,962	-221	3,764	1,400	0	210	0	2,261	0	-114	3,612
23	132.82	42,160	2,198	5,440	722	0	0	0	2,261	0	-259	3,612
24	133.15	43,414	1,254	4,286	508	0	0	0	2,261	0	-263	3,612
25	133.82	46,011	2,597	5,166	159	0	0	0	2,241	0	-169	3,590
26	134.04	46,878	867	3,098	0	0	0	0	2,241	0	10	3,590
27	133.70	45,541	-1,337	1,234	0	0	0	0	2,261	0	-310	3,612
28	133.09	43,185	-2,356	798	0	0	0	0	3,015	0	-139	4,366
29	134.05	46,918	3,733	7,522	0	0	0	0	3,749	0	-40	5,125
30	134.49	48,671	1,753	5,808	0	0	0	0	3,749	0	-306	5,038
31	134.55	48,912	241	3,133	0	0	0	0	3,769	0	877	5,135
Total		24,032		157,492	35,538	74	12,575	5,794	75,209	0	-4,270	117,058

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

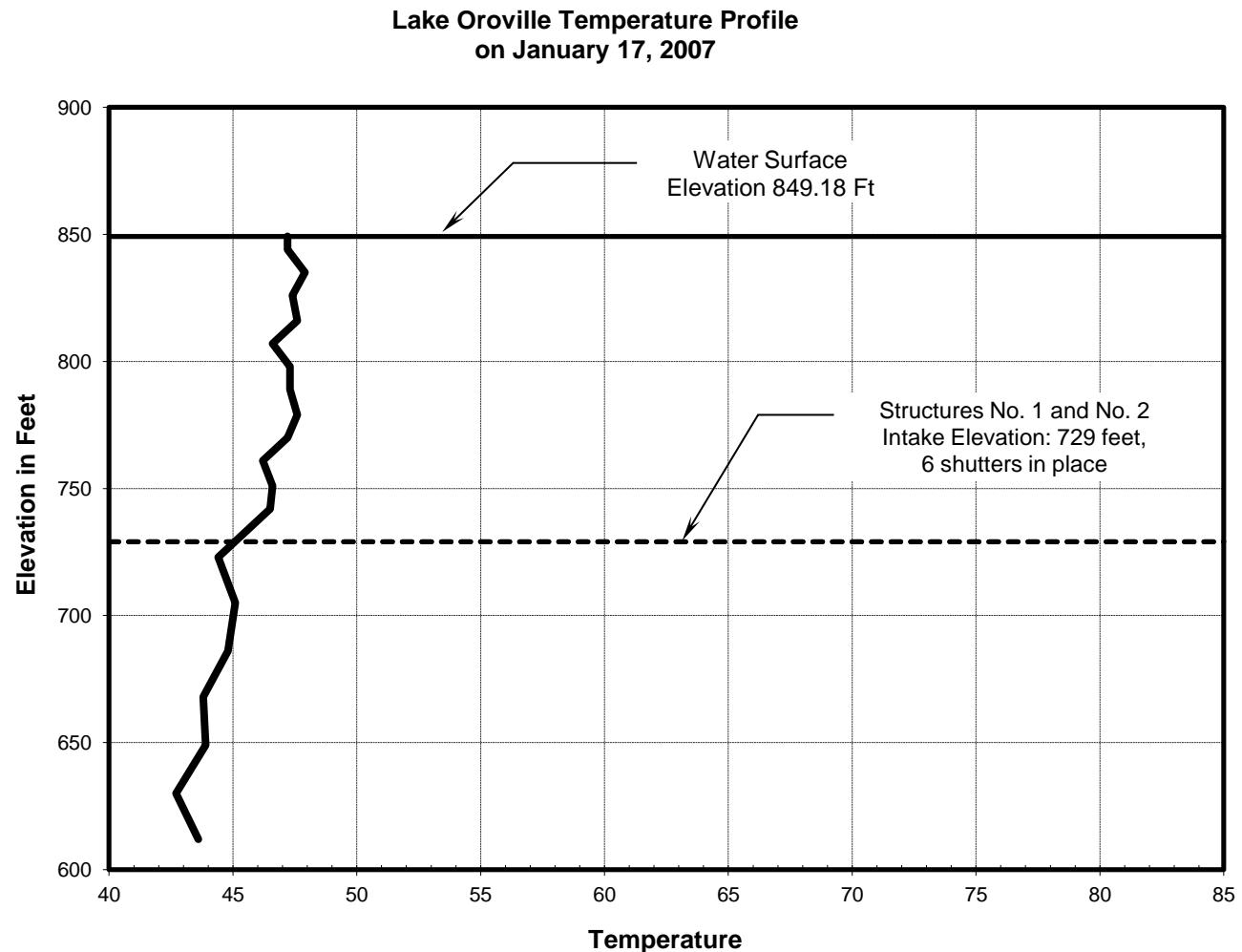
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

January 2007

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	44	47
2	44	47
3	45	46
4	46	46
5	45	46
6	44	46
7	44	46
8	44	46
9	44	46
10	45	46
11	44	46
12	43	45
13	42	45
14	41	45
15	41	45
16	41	45
17	41	45
18	41	45
19	42	45
20	42	45
21	42	45
22	42	45
23	43	45
24	43	45
25	44	45
26	44	45
27	44	45
28	45	45
29	45	45
30	45	45
31	46	45



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

January 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Carryover Art. 56	Settlement	Permit	Article 21	
	No.	Structure	Mile								
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	3,406	1/ 55	149	115	422		
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	149						
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	0						
				Solano County Water Agency Fairfield / Vacaville 42"	115						
2			17.00	Solano County Water Agency Central Solano	Stub						
3A		Cordelia Forebay	21.23			738	820	3	783	207	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		3,028						
		Napa Pipeline	21.33	Solano County Water Agency Vallejo	1,215						
3B	2			Solano County Water Agency Benicia	820	1/ 55	149	115	422		
		Cordelia Surge Tank	23.33								
		Creston Surge Tank Connection	25.65								
			26.95	Napa County Flood Control & WCD American Canyon 2	3						
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	783						
			27.60	Napa County Flood Control & WCD American Canyon 1	207						

1/ Includes 5 AF of Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon and 50 AF of Solano County WA entitlement to the City of Vallejo.

Table 9. Delta Field Division Plant Data

(in acre-feet)

January 2007

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	120	92	12,465	12,465	254	0	0	0
2	124	90	9,842	9,842	274	0	0	0
3	122	91	9,979	9,979	274	0	0	0
4	126	95	9,756	9,756	280	0	0	0
5	121	103	8,007	8,007	306	0	0	0
6	106	96	7,952	7,952	301	0	0	0
7	94	93	7,797	7,797	248	0	0	0
8	102	95	8,872	8,872	242	0	0	0
9	108	94	8,908	8,908	254	0	0	0
10	103	92	8,876	8,876	213	0	0	0
11	102	90	11,301	11,301	255	0	0	0
12	88	78	11,850	11,850	349	0	0	0
13	97	98	12,140	12,140	385	0	0	0
14	99	94	11,966	11,966	399	0	0	0
15	105	96	4,088	4,088	397	0	0	0
16	107	99	3,648	3,648	356	0	0	0
17	128	115	3,847	3,847	351	0	0	0
18	108	98	3,864	3,864	365	0	0	0
19	111	97	4,496	4,496	365	0	0	0
20	94	90	3,196	3,196	391	0	0	0
21	103	98	3,252	3,252	396	0	0	0
22	119	109	3,239	3,239	427	0	0	0
23	118	107	5,183	5,183	392	0	0	0
24	106	92	4,953	4,953	416	0	0	0
25	108	100	4,678	4,678	405	0	0	0
26	128	112	4,669	4,669	429	0	0	0
27	104	96	4,776	4,776	487	0	0	0
28	113	110	3,843	3,843	487	0	0	0
29	120	109	8,203	8,203	474	0	0	0
30	111	99	907	907	479	0	0	0
31	111	100	5,302	5,302	463	0	0	0
Total	3,406	3,028	211,855	211,855	11,114	0	0	0

Table 10. Clifton Court Forebay

Daily Operation of Gates

January 2007

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1	1:30	14:00	16:30	22:30					13,887
2	2:30	11:45	17:15	23:15					9,993
3	3:15	12:45	18:00	22:50					9,914
4	3:45	15:30	18:45	20:20					7,926
5	0:01	1:30	4:30	14:15					7,921
6	0:01	2:00	5:00	15:15	20:15	22:40			7,930
7	0:01	1:50	5:45	16:00	21:00				7,905
8		3:00	6:15	17:00	21:45				8,893
9		3:15	7:00	18:00	22:45				8,908
10		4:30	7:30	18:00	21:00	22:45			8,919
11	0:30	6:15	12:30	19:15	22:15				9,968
12		7:00	13:15	20:15	23:15				11,248
13		11:00	14:00	20:20					12,291
14	0:10	11:59	14:45	19:55					12,288
15	0:45	4:30	16:14	19:50					3,959
16	1:30	7:37							3,949
17	2:15	8:51							3,954
18	2:45	6:05	10:30	12:15					3,950
19	0:01	0:30	3:30	8:40					3,959
20	0:01	1:00	4:00	5:00					3,368
21	0:01	1:45	4:45	5:50	20:15	21:15			3,359
22	0:15	2:15	5:15	8:17					3,357
23	0:15	3:00	7:00	16:00	21:00				5,933
24		3:45	6:45	17:45					4,953
25	0:01	5:30	11:45	16:29					4,954
26	0:01	6:30	12:39	15:30					4,938
27	0:01	7:30	13:30	17:25					4,955
28	0:01	8:45	14:30	16:15					4,941
29	0:30	7:50							4,952
30	0:01	1:30	16:15	19:20					3,950
31	2:15	7:18							4,937
Total inflow for the month in AF:									212,359

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

January 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	USBR	Article 21	Carryover Art. 56	Local Other	
	No.	Structure	Mile							
			1.83	Byron-Bethany I.D.	848				848	
1	1	Banks Pumping Plant	3.32		211,855	29	29	9	0	
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	197,467					
		Check No. 1	5.95							
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	0					
	2	Check No. 2	12.01							
			12.47	Musco Olive	29					
		Check No. 3	18.29							
	4		22.16	Tracy Golf & Country Club	0					
		Check No. 4	23.99							
2A	5	Check No. 5	29.73							
	6	Check No. 6	34.24							
	7		35.22	Turlock Fruit Company Inflow	0					
		Check No. 7	39.91							
	8		42.46	Oak Flat Water District-A	9					
			42.9	Western Hills WD	23					
			43.81	Oak Flat Water District-B	0					
			44.64	Oak Flat Water District-C	0					
		Check No. 8	45.97							
	9		46.18	Oak Flat Water District-D	60					
				Oak Flat Totals:	69	0	0	0	69	
2B		Check No. 9	51.3							
	10	Check No. 10	56.86							
	11	Check No. 11	61.4							
	12		66.14	Veteran's Cemetery	1					
		Check No. 12	66.71		197,467					

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

January 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A	Article 21	Carryover Art. 56	Local	Recreation		
	No.	Structure										
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	197,467							
			3.17	Granite - Vasco Rd. (Temp.)	0				1			
			3.18	Oakland Scavenger Zone 7	1							
	2	Check No. 1	3.91									
		Check No. 2	5.21									
	3		7.21	Zone 7 Water Agency Altamont	1				1			
		Check No. 3	9.49	Zone 7 Water Agency Patterson Inflow Exchange Project Water	0							
					759				759			
4	4	Check No. 4	10.68									
	5	Check No. 5	12.29									
	6		13.55	Zone 7 Water Agency Wente #1	3				3			
			14.16	Zone 7 Water Agency Wente #2	3				3			
			14.31	Zone 7 Water Agency Ising	1				1			
		Check No. 6	14.65									
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	466				466			
		Check No. 7	16.38									
	8		16.57	Zone 7 Water Agency Wente #3	0							
			16.63	Zone 7 Water Agency Wente #4	10				10			
			16.69	Zone 7 Water Agency Norman Nursery	0							
			16.70	Zone 7 Water Agency Concannon Project Water	0							
		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle Pumped into South Bay Aqueduct Gravity into South Bay Aqueduct	0 0 0							
5	8	Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2 Storage Exchange Project Water Storage Released Inflow Exchange	0 105 0 123				105	123		
				East Bay Regional Park Dist. Del Valle Recreation	3					3		
				Zone 7 Water Agency Wente #5	10				10			
			19.20	Zone 7 Water Agency So. Livermore Project Water Storage Exchange	1,273 0				1,273			
			19.21	Zone 7 Water Agency Kalthrof Detjens	13				13			
6	7	La Costa Tunnel	22.50	ACWD Vallecitos Project Water	305				305			
			25.97	City of San Francisco San Antonio	0							
8		Mission Tunnel	28.97	ACWD - Bayside 1 & 2 Project Water Storage Released Storage Exchange	1,220 0 0				1,220			
9		Santa Clara Pipeline	35.86	Santa Clara Valley Water District Meter	6,811				6,811			

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

January 2007

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Dec 31	680.36	25,969									
1	680.36	25,969	0	3	0	0	0	1	2	3	0.00
2	680.36	25,969	0	2	0	0	0	0	2	2	0.00
3	680.36	25,969	0	2	0	0	0	0	2	2	0.00
4	680.38	25,979	10	10	0	0	0	0	0	0	0.34
5	680.38	25,979	0	3	0	0	0	0	3	3	0.04
6	680.38	25,979	0	3	0	0	0	0	3	3	0.00
7	680.38	25,979	0	2	0	0	0	0	2	2	0.00
8	680.38	25,979	0	3	0	0	0	0	3	3	0.00
9	680.38	25,979	0	3	0	0	0	0	3	3	0.00
10	680.38	25,979	0	3	0	0	0	0	3	3	0.00
11	680.39	25,984	5	6	0	0	0	0	1	1	0.00
12	680.39	25,984	0	2	0	0	0	0	2	2	0.00
13	680.39	25,984	0	2	0	0	0	0	2	2	0.00
14	680.38	25,979	-5	-1	0	0	0	1	3	4	0.00
15	680.38	25,979	0	2	0	0	0	0	2	2	0.00
16	680.38	25,979	0	0	0	0	0	0	0	0	0.00
17	680.40	25,989	10	12	0	0	0	0	2	2	0.15
18	680.41	25,995	6	7	0	0	0	0	2	2	0.00
19	680.40	25,989	-6	-3	0	0	0	0	3	3	0.00
20	680.40	25,989	0	1	0	0	0	0	2	2	0.00
21	680.42	26,000	11	13	0	0	0	0	2	2	0.00
22	680.42	26,000	0	4	0	0	0	0	4	4	0.00
23	680.42	26,000	0	4	0	0	0	0	4	4	0.00
24	680.42	26,000	0	4	0	0	0	0	4	4	0.00
25	680.44	26,010	10	13	0	0	0	0	2	2	0.00
26	680.44	26,010	0	2	0	0	0	0	2	2	0.00
27	680.46	26,021	11	12	0	0	0	0	1	1	0.09
28	680.48	26,031	10	11	0	0	0	0	1	1	0.12
29	680.48	26,031	0	2	0	0	0	0	2	2	0.00
30	680.48	26,031	0	3	0	0	0	1	2	3	0.00
31	680.47	26,026	-5	-2	0	0	0	0	3	3	0.00
Total		57	123	0	0	0	0	3	63	66	0.74

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

January 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/	
Dec 31	224.84	55,998										
1	224.74	55,726	-272	0	3,450	0	5,802	0	6,880	3,368	5	864
2	224.66	55,509	-217	0	3,396	0	5,271	0	6,780	2,813	5	822
3	223.34	51,955	-3,554	0	3,308	0	4,682	0	6,124	4,338	6	686
4	222.40	49,447	-2,508	0	3,505	0	4,867	0	5,337	4,649	4	354
5	221.60	47,336	-2,111	0	3,563	0	4,270	0	5,186	4,059	4	352
6	220.30	43,931	-3,405	0	3,386	0	3,846	0	5,012	4,082	4	149
7	220.06	43,308	-623	0	3,522	0	3,605	0	3,354	4,165	4	82
8	220.32	43,983	675	0	3,566	0	4,373	0	3,320	4,279	4	4
9	220.14	43,515	-468	0	3,528	0	4,191	0	3,310	4,734	4	93
10	220.08	43,360	-155	0	3,429	0	4,095	0	1,726	5,814	4	-58
11	220.81	45,263	1,903	0	3,363	0	5,678	0	1,723	6,311	5	-43
12	220.07	43,334	-1,929	0	3,320	0	5,897	0	3,444	6,804	5	63
13	219.98	43,100	-234	0	3,301	0	5,519	0	2,138	6,858	5	63
14	220.08	43,360	260	0	3,352	0	5,528	0	1,710	7,052	5	18
15	220.00	43,152	-208	0	3,331	1,396	1,990	0	0	6,571	5	-246
16	219.56	42,016	-1,136	0	3,278	2,188	1,609	0	0	7,256	5	-387
17	219.31	41,375	-641	0	3,148	1,410	2,112	0	0	6,710	5	-278
18	220.42	44,244	2,869	0	3,038	1,413	1,957	0	0	5,007	6	51
19	220.90	45,498	1,254	0	2,955	1,492	1,837	0	0	5,371	6	-275
20	220.16	43,567	-1,931	0	2,934	0	1,521	0	0	5,418	6	-5
21	218.66	39,724	-3,843	0	3,005	0	1,487	0	0	6,307	6	-116
22	218.34	38,920	-804	0	2,994	613	889	0	0	4,850	6	-45
23	219.79	42,609	3,689	0	2,863	3,139	2,251	0	0	6,216	6	-171
24	220.30	43,931	1,322	0	2,639	4,269	2,222	0	0	8,210	8	-246
25	219.13	40,915	-3,016	0	2,426	2,374	2,212	0	0	8,366	14	-153
26	220.70	44,975	4,060	0	2,562	5,255	2,039	0	0	8,022	14	227
27	220.02	43,204	-1,771	0	2,712	2,096	2,158	0	0	7,838	14	-7
28	219.78	42,583	-621	0	2,933	3,121	1,601	0	0	7,808	14	-146
29	222.80	50,513	7,930	0	2,772	3,108	3,747	0	0	5,412	14	-203
30	220.53	44,531	-5,982	0	2,449	1,294	359	0	893	6,055	14	-156
31	219.69	42,351	-2,180	0	2,249	869	1,939	0	0	6,088	19	-49
Total			-13,647	0	96,277	34,037	99,554	0	56,937	180,831	226	1,244
Mean cfs			---	0	3,106	1,098	3,211	0	1,837	5,833	7	40
Acre-feet			-13,647	0	190,971	67,507	197,467	0	112,935	358,678	448	2,469

1/ Pump-in located at Mile 79.67R.

2/ Includes 58 AF delivered to DFG at O'Neill Forebay, 1 AF to Parks & Rec., 1 AF to P&R Cattle and 388 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

January 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.		
Dec 31	534.60	1,922,081							
1	535.43	1,932,442	10,361	6,880	0	112	0	-1,544	
2	536.30	1,943,324	10,882	6,780	0	104	0	-1,190	
3	537.10	1,953,349	10,025	6,124	0	101	0	-969	
4	537.85	1,962,764	9,415	5,337	0	82	0	-508	
5	538.53	1,971,313	8,549	5,186	0	89	0	-787	
6	539.22	1,980,002	8,689	5,012	0	92	0	-539	
7	539.70	1,986,054	6,052	3,354	0	124	0	-179	
8	540.10	1,991,102	5,048	3,320	0	146	0	-629	
9	540.57	1,997,040	5,938	3,310	0	145	0	-171	
10	540.78	1,999,695	2,655	1,726	0	151	0	-236	
11	541.00	2,002,477	2,782	1,723	0	124	0	-196	
12	541.40	2,007,540	5,063	3,444	0	103	0	-788	
13	541.70	2,011,340	3,800	2,138	0	110	0	-112	
14	541.85	2,013,241	1,901	1,710	0	104	0	-648	
15	541.72	2,011,593	-1,648	0	1,396	108	0	673	
16	541.35	2,006,907	-4,686	0	2,188	117	0	-57	
17	541.10	2,003,743	-3,164	0	1,410	116	0	-69	
18	540.85	2,000,580	-3,163	0	1,413	117	0	-65	
19	540.60	1,997,419	-3,161	0	1,492	113	0	11	
20	540.57	1,997,040	-379	0	0	123	0	-68	
21	540.50	1,996,155	-885	0	0	121	0	-325	
22	540.42	1,995,144	-1,011	0	613	140	0	243	
23	539.90	1,988,578	-6,566	0	3,139	124	0	-47	
24	539.20	1,979,750	-8,828	0	4,269	126	0	-56	
25	538.83	1,975,089	-4,661	0	2,374	132	0	156	
26	537.90	1,963,392	-11,697	0	5,255	140	0	-502	
27	537.60	1,959,624	-3,768	0	2,096	136	0	332	
28	537.09	1,953,224	-6,400	0	3,121	126	0	20	
29	536.57	1,946,706	-6,518	0	3,108	243	0	65	
30	536.44	1,945,077	-1,629	893	1,294	299	0	-121	
31	536.24	1,942,573	-2,504	0	869	239	1	-153	
Total			20,492	56,937	34,037	4,107	1	-8,459	
Mean cfs			---	1,837	1,098	132	0	-273	
Acre-feet			20,492	112,935	67,507	8,148	1	-16,787	

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 7,759 AF, Casa De Fruta 0 AF, and San Benito 389 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

January 2007

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	6,680	5,071	0	0	13,646	6,276	222
2	5,579	4,048	0	0	13,448	7,363	207
3	8,604	7,057	0	0	12,147	5,068	201
4	9,221	7,721	0	0	10,585	4,325	162
5	8,052	6,530	0	0	10,286	4,155	177
6	8,096	6,601	0	0	9,942	3,964	182
7	8,262	6,734	0	0	6,652	3,909	246
8	8,488	7,031	0	0	6,586	3,866	289
9	9,390	7,913	0	0	6,565	3,850	287
10	11,532	10,031	0	0	3,424	168	299
11	12,518	11,044	0	0	3,418	-47	246
12	13,495	10,382	0	0	6,832	218	204
13	13,603	10,461	0	0	4,240	110	218
14	13,988	10,951	0	0	3,392	84	207
15	13,033	9,962	2,769	2,769	0	0	215
16	14,393	11,373	4,339	4,339	0	0	233
17	13,309	10,242	2,797	2,797	0	0	231
18	9,932	6,848	2,803	2,803	0	0	233
19	10,653	7,483	2,959	2,959	0	0	225
20	10,746	7,580	0	0	0	0	244
21	12,509	9,379	0	0	0	0	240
22	9,619	6,478	1,215	1,215	0	0	277
23	12,329	9,156	6,226	6,226	0	0	245
24	16,285	12,444	8,467	8,467	0	0	249
25	16,594	12,800	4,708	4,708	0	0	261
26	15,912	12,106	10,423	10,423	0	0	278
27	15,546	11,724	4,157	4,157	0	0	269
28	15,488	11,644	6,190	6,190	0	0	250
29	10,735	6,928	6,165	6,165	0	0	482
30	12,011	8,174	2,566	2,566	1,772	1,772	594
31	12,076	6,071	1,723	1,723	0	0	475
Total	358,678	271,967	67,507	67,507	112,935	45,081	8,148

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping;
adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

January 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Dec 31	326.15	19,809					
1	326.15	19,809	0	0	0	0	0
2	326.15	19,809	0	0	0	0	0
3	326.16	19,813	4	2	0	0	0
4	326.16	19,813	0	0	0	0	0
5	326.13	19,800	-13	0	0	0	-13
6	326.12	19,795	-5	0	0	0	-5
7	326.12	19,795	0	0	0	0	0
8	326.10	19,786	-9	0	0	0	-9
9	326.13	19,800	14	7	0	0	0
10	326.13	19,800	0	0	0	0	0
11	326.11	19,790	-10	0	0	0	-10
12	326.08	19,777	-13	0	0	0	-13
13	326.07	19,772	-5	0	0	0	-5
14	326.06	19,767	-5	0	0	0	-5
15	326.06	19,767	0	0	0	0	0
16	326.07	19,772	5	3	0	0	-1
17	326.07	19,772	0	0	0	0	0
18	326.07	19,772	0	0	0	0	0
19	326.07	19,772	0	0	0	0	0
20	326.07	19,772	0	0	0	0	0
21	326.06	19,767	-5	0	0	0	-5
22	326.05	19,763	-4	0	0	0	-4
23	326.05	19,763	0	0	0	0	0
24	326.05	19,763	0	0	0	0	0
25	326.05	19,763	0	0	0	0	0
26	326.06	19,767	4	2	0	0	0
27	326.08	19,777	10	5	0	0	0
28	326.08	19,777	0	0	0	0	0
29	326.09	19,781	4	2	0	0	0
30	326.09	19,781	0	0	0	0	0
31	326.09	19,781	0	0	0	0	0
Total			-28	21	0	0	-70
Mean cfs			---	1	0	0	---
Acre-feet			-28	42	0	0	-70

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

January 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Dec 31	602.65	829					
1	602.65	829	0	1	0	1	0
2	602.65	829	0	1	0	1	0
3	602.65	829	0	1	0	1	0
4	602.65	829	0	1	0	1	0
5	602.65	829	0	1	0	1	0
6	602.65	829	0	1	0	1	0
7	602.65	829	0	1	0	1	0
8	602.65	829	0	1	0	1	0
9	602.65	829	0	1	0	1	0
10	602.65	829	0	1	0	1	0
11	602.65	829	0	1	0	1	0
12	602.65	829	0	1	0	1	0
13	602.65	829	0	1	0	1	0
14	602.65	829	0	1	0	1	0
15	602.65	829	0	1	0	1	0
16	602.65	829	0	1	0	1	0
17	602.65	829	0	1	0	1	0
18	602.65	829	0	1	0	1	0
19	602.65	829	0	1	0	1	0
20	602.65	829	0	1	0	1	0
21	602.65	829	0	1	0	1	0
22	602.60	826	-3	0	0	1	-1
23	602.60	826	0	1	0	1	0
24	602.60	826	0	1	0	1	0
25	602.60	826	0	1	0	1	0
26	602.60	826	0	1	0	1	0
27	602.60	826	0	1	0	1	0
28	602.60	826	0	1	0	1	0
29	602.60	826	0	1	0	1	0
30	602.60	826	0	1	0	1	0
31	602.60	826	0	1	0	1	0
Total			-3	30	0	31	-1
Mean cfs			---	1	0	1	---
Acre-feet			-3	60	0	62	-1

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

January 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		197,467						
3A	3A	San Luis Reservoir		Department of Parks and Recreation	1	7,759	389	1	0		
				San Felipe Division Santa Clara Water District	7,759						
				Casa de Fruta Santa Clara Water District	0						
				San Felipe Division San Benito Water District	389						
				Reach 3A Subtotal:	8,149						
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	1	388	32	1	0		
				Cattle Program	1						
				Department of Fish & Game	58						
		70.91 Thru 85.08		San Luis Water District	388						
				(Floodwater Inflow)	0						
				Reach 3 Subtotal:	448						
		Dos Amigos Pumping Plant	86.73		358,978						
4	14	14	89.03			2,855	891	39	93		
			Thru 94.06	San Luis Water District	2,855						
			89.66								
			Thru 89.67	Pacheco Water District	891						
			89.68	Panoche Water District	39						
		Check No. 14	89.70	City of Dos Palos	93						
4	15	15	95.06								
			98.15	San Luis Water District	444	2,469	11	444	7,116		
			Thru 104.20								
			96.15	Panoche Water District	2,469						
			Thru 102.64	(Floodwater Inflow)	0						
			102.64	Broadview Water District	11						
			105.22	Westlands Water District	7,116						
		Check No.15	Thru 108.64								
			108.50								
				Reach 4 Subtotal:	13,918	13,918	0	0	0		
				San Felipe Division Total:	8,148	8,148	0	0	0		
				Pacheco Water District Total:	891	891	0	0	0		
				Broadview Water District Total:	11	11	0	0	0		
				City of Dos Palos Total:	93	93	0	0	0		
				SLWD Reach 4 Subtotal:	3,299	3,299	0	0	0		
				Panoche Water District Total:	2,508	2,508	0	0	0		
				SLWD Total:	3,687	3,687	0	0	0		
				Westlands WD Reach 4 Subtotal:	7,116	7,116	0	0	0		

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diver-sions	January 2007								
	Beginning and Ending		Mile			Deliveries								
	No.	Structure				USBR	Transfer	DWR Recreation	USBR Recreation					
5	16		110.52	(Reverse flow, Kings River)	0	8,147	36	29	0					
			Thru	Westlands Water District	8,147									
			122.05	Dept. of Fish and Game @ Lat. 4L	65									
			Dept. of Fish and Game @ Lat. 6L	0	0									
			Dept. of Fish and Game @ Lat. 7L	0	0									
		Check No. 16	122.07											
	17		124.18	Westlands Water District	11,531	11,531	0	0	0					
			Thru											
		132.74												
	Check No. 17	132.95												
6	18		133.81	Westlands Water District	12,461	12,461	0	0	0					
			Thru											
			142.61											
			Pleasant Valley Pumping Plant	Westlands Water District	6,013									
			143.16	City of Coalinga	468									
		Check No. 18	143.23											
				Reach 5 Subtotal:	38,685	38,620	0	36	29					
	19		145.26	GWF Energy	1	1/ 1	0	0	0					
			Thru	City of Huron	0									
			151.19	Kings County to Lemoore NAS Through WWD 29L & 30L	102									
				Kings County through WWD 30L	0									
				Westlands Water District	16,962									
		Check No. 19	155.64			16,962	103	0	0					
				Reach 6 Subtotal:	17,065									
7	20		156.34	City of Huron	70	70	0	0	0					
			156.40	SWP Construction @ Lat. 24R	0									
			Thru	Westlands Water District	12,631		12,631	0	0					
			163.69											
		Check No. 20	164.69											
		21	164.79	City of Avenal	234	234	0	0	0					
			167.04	Westlands Water District	4,134									
			Thru											
			171.67											
		Check No. 21	172.40		241,877	4,134	0	0	0					
				Reach 7 Total:	17,069									
				SWP Construction Total:	0									
				Westlands WD Total:	78,995									
				City of Coalinga Total:	468									
				City of Huron Total:	70									
				Kings County to Lemoore NAS Through WWD	102									
				City of Avenal Total:	234	234	0	0	0					
				Total San Luis Field Division Deliveries:	95,334									
1/ Table A water transferred from County of Kings to Westlands Water District.														
2/ Article 21 water transferred from County of Kings to Westlands Water District.														

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations
January 2007

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non-Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Dec 31	29,064								
1	28,946	-118	0	3,368	64	27	616	2,298	-422
2	28,395	-551	0	2,813	64	27	616	2,469	86
3	28,559	164	0	4,338	68	27	617	3,222	-322
4	29,219	660	0	4,649	76	29	857	3,756	402
5	29,119	-100	0	4,059	76	29	857	2,705	-443
6	28,358	-761	0	4,082	76	29	857	2,922	-582
7	29,078	720	0	4,165	76	29	857	2,246	-594
8	29,322	244	0	4,279	76	29	857	2,647	-547
9	27,831	-1,491	0	4,734	76	29	857	3,709	-815
10	28,106	275	0	5,814	76	29	857	4,137	-576
11	28,206	100	0	6,311	61	48	1,238	3,503	-1,411
12	29,018	812	0	6,804	61	48	1,238	4,771	-277
13	28,335	-683	0	6,858	61	48	1,238	5,381	-474
14	28,657	322	0	7,052	61	48	1,238	5,759	216
15	27,961	-696	0	6,571	61	48	1,238	5,678	103
16	27,674	-287	0	7,256	61	48	1,238	6,229	176
17	29,055	1,381	0	6,710	62	48	1,238	4,252	-414
18	28,787	-268	0	5,007	68	43	1,668	3,209	-154
19	28,602	-185	0	5,371	68	43	1,668	3,451	-234
20	28,399	-203	0	5,418	68	43	1,668	3,597	-145
21	29,429	1,030	0	6,307	68	43	1,668	3,614	-395
22	28,371	-1,058	0	4,850	68	43	1,668	3,243	-361
23	28,163	-208	0	6,216	68	43	1,668	4,039	-503
24	28,382	219	0	8,210	69	43	1,674	5,434	-879
25	28,726	344	0	8,366	75	49	1,730	5,479	-860
26	29,354	628	0	8,022	75	49	1,730	4,630	-1,221
27	29,349	-5	0	7,838	75	49	1,730	4,944	-1,043
28	29,305	-44	0	7,808	75	49	1,730	5,258	-718
29	28,722	-583	0	5,412	75	49	1,730	2,781	-1,070
30	29,003	281	0	6,055	75	49	1,730	3,458	-602
31	29,309	306	0	6,088	76	49	1,730	3,122	-956
Total		245	0	180,831	2,159	1,264	40,306	121,945	-15,035
Mean cfs		---	0	5,833	70	41	1,300	3,934	-485
Acre-feet		245	0	358,678	4,283	2,508	79,946	241,877	-29,819

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 890 AF AG, 1 AF M&I to Pacheco W.D., 93 AF to the City of Dos Palos and 3,299 AF to San Luis Water District.

3/ Includes 70 AF to the City of Huron, 234 AF to the City of Avenal, 468 AF to the City of Coalinga, 0 AF to City of Huron P&R @ 22R, 102 AF to Lemoore N.A.S. @ 29L, 1 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 11 AF to Broadview WD @ 3L, 65 AF to DFG @ 4L, 0 AF Mendota Water Fowl Habitat Area @ 6L, 0 AF DWR Water Truck @ 22R, 0 AF DFG @ 7L, 0 AF Non-Project Water and 78,995 AF to Westlands Water District.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

January 2007

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	113	113	55	49	56	3,626	3,750	3,578	3,646
2	151	151	37	34	38	3,045	3,254	3,164	3,207
3	216	216	45	42	46	3,512	3,489	3,346	3,324
4	256	256	61	59	62	3,725	3,722	3,587	3,646
5	143	143	49	46	52	3,503	3,839	3,578	3,702
6	188	188	59	55	63	4,173	4,315	4,056	4,082
7	121	121	43	39	43	3,159	3,263	3,051	3,071
8	127	127	38	35	40	3,756	3,738	3,527	3,602
9	183	183	60	55	62	4,140	4,299	4,073	3,994
10	214	214	60	55	62	5,010	5,181	4,873	4,972
11	197	197	63	58	64	4,950	5,300	5,063	5,013
12	174	174	48	44	49	6,363	5,669	5,245	5,399
13	179	179	49	45	50	7,901	7,093	6,678	6,805
14	116	116	64	59	68	8,790	8,211	7,799	7,808
15	119	119	58	56	62	8,669	8,212	7,782	7,896
16	91	91	38	36	41	7,792	8,215	7,757	7,895
17	134	134	56	51	56	5,218	5,098	4,850	5,196
18	144	144	54	50	58	2,883	3,201	3,009	3,071
19	200	200	57	53	58	3,579	3,663	3,574	3,646
20	148	148	57	55	59	3,835	3,892	3,639	3,595
21	151	151	68	62	70	4,411	4,549	4,449	4,496
22	116	116	47	44	49	3,631	3,863	3,733	3,655
23	150	150	58	53	60	3,931	3,965	3,724	3,765
24	139	139	60	56	62	7,158	7,391	7,102	7,129
25	177	177	55	51	58	7,136	7,402	7,117	7,137
26	186	186	54	50	55	7,247	7,387	7,068	7,073
27	187	187	64	59	67	7,141	7,459	7,137	7,137
28	119	119	52	48	55	7,059	7,204	6,984	7,033
29	111	111	39	37	42	3,491	3,765	3,553	3,531
30	116	116	49	45	50	3,624	3,721	3,493	3,531
31	113	113	45	41	45	3,758	3,748	3,520	3,534
Total	4,779	4,779	1,642	1,522	1,702	156,216	157,858	150,109	151,591

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

January 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries									
	Beginning and Ending		Mile			Table A	USBR	Article 21	Carryover	Unscheduled	Other				
	No.	Structure													
7	21	Check No. 21	172.40		241,877										
8C	22		172.66	Empire West Side Irrig. Dist. TL - A	1,562	94		515	8,097	1,047	1/ 759				
				County of Kings TL - A	0										
				Tulare Lake Basin WSD TL-A	8,962		865								
				Dudley Ridge WD - 1	813		813								
				175.18 Dudley Ridge WD - 1B	321		321								
				180.64 Tulare Lake Basin WSD - C	0		795								
				180.65 Dudley Ridge WD - 1A	889		2,772								
				182.99 Dudley Ridge WD - 2	3,531		7,545								
				183.00 Tulare Lake Basin WSD TL - B	15,602		2								
				County of Kings TL-B	305		554								
31A	8D			184.00 Dudley Ridge WD - Paramount	2										
				184.63 Coastal Branch	4,779										
				184.78 Dudley Ridge Water Dist. Dudley Ridge WD - 3	554										
				Dudley Ridge Reach 8D Total:	6,110	94	0	5,257	0	0	759				
				Tulare Lake Basin WSD Total:	24,564	0	0	8,410	16,154	0	0				
	9	23		Check No. 22	184.82										
				189.69 Kern County Water Agency Lost Hills Water Dist. - 1	539										
				191.18 Kern County Water Agency Lost Hills Water Dist. - 2	17										
				194.22 Kern County Water Agency Lost Hills Water Dist. - 3	0										
				196.40 Kern County Water Agency Berrenda Mesa - 2	0										
				196.75 Kern County Water Agency Lost Hills Water Dist. - 4	91										
				KCWA Reach 9 Subtotal:	647	0	0	204	443	0	0				
				Check No. 23	197.05										
10A	24			201.24 Kern County Water Agency Lost Hills Water Dist. - 7	57										
				202.05 Kern County Water Agency Lost Hills Water Dist. - 5	827										
				204.69 Kern County Water Agency Lost Hills Water Dist. - 6	0										
				205.26 Kern County Water Agency Lost Hills Water Dist. - 8	0										
				Check No. 24	207.94										
				209.71 Kern County Water Agency Belridge Water Storage Dist. - 1A	70	1,020									
				209.78 Kern National Wildlife Refuge USBR BV-1B	1,020										
				Kern County Water Agency Buena Vista WSD 1B	823	373									
				209.80 KCWA Semitropic WSD	1,559	85									
				KCWA Semitropic WSD Penstocks	11,464	7,019									
				USBR Total:	1,020	0	1,020	0	0	0	0				
				KCWA Reach 10A Subtotal:	14,800	0	0	7,605	3,017	0	4,178				

1/ Includes 305 AF of Tulare Lake Basin WSD's carryover and 454 AF of Tulare Lake Basin WSD's 2007 Article 21 water delivered thru Dudley Ridge WD's turnout in 8D.

2/ Includes 232 AF of Alameda County WD carryover, 100 AF of Zone 7 carryover, and 542 AF of Santa Clara Valley WD carryover delivered to Semitropic WSD.

3/ Includes 2,000 AF of Dudley Ridge WD's carryover delivered to Semitropic WSD on behalf of common land owners; 150 AF of Zone 7 carryover, 346 AF of Alameda County WD carryover, and 808 AF of Santa Clara Valley WD carryover delivered to Semitropic WSD for banking.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

January 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			Table A	USBR	Article 21	Carryover	Unscheduled	Other		
	No.	Structure											
11B	25		210.75	Kern County Water Agency Belridge - 2	0			181	28				
			214.11	Kern County Water Agency Belridge - 3	209								
			216.62	Kern County Water Agency Belridge - 4	0								
			217.13	Kern County Water Agency Belridge - 5	2,995			1,828	1,167				
				Kern County Water Agency Belridge - 5D	111								
		Check No. 25	217.79					102	9				
				KCWA Reach 11B Subtotal:	3,315								
12D	26		219.58	Kern County Water Agency Belridge - 6	0			2,111	1,204	0	0		
				Kern County Water Agency West Kern - 3	300								
		Check No. 26	224.92										
12E	27		230.37	Kern County Water Agency Buena Vista - 6	5,172			3,585	1,587				
		Check No. 27	231.73										
	28		235.75	Kern County Water Agency Buena Vista - 2	7,148			4,948 24,655	2,200 5,710				
				Kern County WA CVC	30,365								
				DRWD CVC	0								
				Tulare Co.	0								
			238.04	Lower Tule River	0								
				Fresno Co.	0								
				Pixley ID	0								
				Hacienda									
		Check No. 28	238.11	DWR Wells	0								
13B	29		1/ Arvin Edison Total:	0				0	0	0	0		
			Reach 12E Subtotal:	42,685									
			238.19	Kern Water Bank Inflow	0			9,092	899		2/ 1,284		
				Kern Water Bank Outflow	11,275								
			241.02	Kern River Intertie (inflow)	0			1,372	315				
			242.85	KCWA Buena Vista WSD - 7	1,687								
				KCWA Buena Vista WSD - 5	2,544			2,282	262				
			243.09	Kern County Water Agency Buena Vista - 3	2,930								
	30	Check No. 29	244.54					2,270	660				
			249.85	Kern County Water Agency Buena Vista - 4	1,124								
		Buena Vista Pumping Plant	250.99		156,216			471	653				
14A	31			KCWA Reach 13B Subtotal:	19,560								
			254.47	Kern County Water Agency West Kern - 2	0			15,487	2,789	0	1,284		
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	110								

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Dudley Ridge WD Article 21 water delivered to the Kern Water Bank for banking.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

January 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending										
	No.	Structure	Mile		Table A	USBR	Article 21	Carryover	Unscheduled	Other	
14A	31	Check No. 31	256.14								
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	171			171			
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4		511		511			
			Check No. 32	261.72							
				KCWA Reach 14A Subtotal:	792	0	0	792	0	0	
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	1,014			1,014			
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6		340	207	133			
			Check No. 33	267.36							
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	1,018		998	20			
			Check No. 34	271.27							
				Reach 14B Total:	2,372	0	0	1,205	1,167	0	
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	658			650	8		
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9		257	232	25			
			277.30	Kern County Water Agency Arvin-Edison WSD		745				1/ 745	
				Reach 14C Total:	1,660	0	0	882	33	0	
15A	36	Teerink Pumping Plant	278.13		157,858						
			279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A		190	103	87			
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10		762	659	103			
				Reach 15A Total:	952	0	0	762	190	0	
16A	37	Chrisman Pumping Plant	280.36		150,109						
			282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11		0					
			Check No. 37	283.95							
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	11			11			
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A		34	27	7			
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13		0					
	39		Check No. 38	287.09							
			287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	13		13				
			Check No. 39	290.21							
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	220						
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15		3	203	17			
				Kern County Water Agency Tehachapi Cummings CWD		0	3				
				KCWA Reach 16A Subtotal:	281	0	0	246	35	0	
			Edmonston Pumping Plant	293.45		151,591					

1/ MWD Article 21 water delivered to Arvin Edison WSD for banking.

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

January 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	USBR	Article 21	Carryover	Unscheduled	TLBWSD	
	No.	Structure	Mile								
31A	C-1	Coastal Branch Control	0.02	4,779							
		Las Perillas Pumping Plant	1.16	4,779							
	C-2		3.79	0							
		Badger Hill Pumping Plant	4.27	4,779							
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	1,647							
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
			13.30	Kern County Water Agency Berrenda Mesa - 3							
	C-6		14.83	Kern County Water Agency Berrenda Mesa - 1	0	1,295	1,647	178			
				Kern County Water Agency Berrenda Mesa - PO	1,473						
		Devil's Den Pumping Plant	14.86		0						
				KCWA Reach 31A Subtotal:	3,120	0	0	1,295	1,825	0	
				KCWA Total:	88,837	0	0	62,985	19,645	0	
33A	C-7	Bluestone Pumping Plant	19.05		1,522						
	C-8	Polonio Pass Pumping Plant	26.54		1,702						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant							
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	1,390						
		Tank Site 2	58.63	Central Coast:	0						
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	312						
		Energy Dissipater	78.12								
		Lopez T.O.	85.86	SLOCFC & WCD	0						
35	C-12			CCWA Total:	1,702	288	0	24	1,390	0	
		Guadalupe T.O.	102.70	SBCFC & WCD	0						
		Santa Maria T.O.	107.43	SBCFC & WCD	0						
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0						
38				SBCFC & WCD Total:	0	0	0	0	0	0	
				Tank Site 5	115.42						

Table 24. Southern Field Division Plant Data

(in acre-feet)

January 2007

Date	West Branch						East Branch								East Branch Extension		
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Bypass Through Plant	Tehachapi Afterbay Bypass	Generation	Leakage	Bypass Flume						
28	1	0	0	0	0	0	0	4,157	3,434	3,479	0	0	3,291	25	25	26	
	2	0	0	0	0	0	0	3,446	3,110	3,402	0	0	3,467	51	51	25	
	3	0	0	0	0	64	0	3,140	2,749	2,644	0	0	3,596	51	51	30	
	4	0	0	0	0	1,441	0	3,868	2,846	2,930	0	0	3,423	38	38	32	
	5	0	0	0	0	1,099	0	3,992	3,562	3,455	0	0	3,322	36	36	32	
	6	0	0	0	0	689	0	4,158	3,416	3,596	0	0	3,358	25	25	32	
	7	0	0	0	0	1,443	0	3,545	3,342	3,248	0	0	3,517	24	25	30	
	8	189	0	0	0	1,444	0	3,736	3,342	3,352	0	0	3,480	52	52	29	
	9	925	799	0	0	1,922	0	0	3,752	3,342	3,289	0	0	3,591	52	52	31
	10	969	1,691	0	0	1,882	0	0	4,583	3,203	3,434	0	0	3,598	34	36	32
	11	1,305	2,462	0	0	5,945	0	0	4,248	3,342	3,449	0	0	3,677	38	38	33
	12	1,994	2,672	0	0	5,774	0	0	3,917	3,342	3,456	0	0	3,442	29	29	32
	13	3,223	3,309	0	0	4,860	0	0	4,054	3,342	3,460	0	0	3,519	25	25	10
	14	3,537	3,305	0	0	4,308	0	0	4,364	3,342	3,357	0	0	3,489	26	26	31
	15	4,171	3,305	0	372	4,621	0	0	4,364	3,342	3,166	0	0	3,351	37	26	30
	16	4,172	2,275	0	0	1,605	0	0	4,277	3,342	3,439	0	0	3,534	61	50	29
	17	905	612	0	0	189	0	0	4,066	3,342	3,438	0	0	3,315	38	38	31
	18	0	0	0	0	0	0	3,373	2,960	3,068	0	0	3,436	38	38	32	
	19	0	0	0	0	0	0	3,984	3,343	3,068	0	0	3,729	36	36	33	
	20	0	0	0	0	0	0	4,215	3,431	3,406	0	0	3,412	13	13	10	
	21	0	0	0	0	0	0	4,364	4,175	4,054	0	0	3,274	25	25	25	
	22	52	0	0	0	0	0	4,228	3,608	3,978	0	0	3,207	40	40	24	
	23	102	1,557	0	0	324	0	0	3,711	3,473	3,398	0	0	3,265	27	27	14
	24	3,085	3,280	0	0	0	0	0	4,004	3,527	3,719	0	0	2,970	27	27	14
	25	3,092	3,236	0	0	14	0	0	3,685	3,583	3,250	0	0	3,093	7	7	14
	26	3,155	3,261	0	0	1,865	0	0	3,941	3,388	3,607	0	0	3,076	0	0	0
	27	3,369	3,275	0	0	1,833	0	0	3,510	3,526	3,566	0	0	2,797	12	12	14
	28	3,322	3,282	0	0	2,035	0	0	3,168	3,491	3,266	0	0	2,674	13	13	13
	29	3,515	3,280	0	0	1,718	0	0	459	0	323	0	0	1,515	26	27	13
	30	3,752	3,277	0	0	2,059	0	0	702	789	774	0	0	1,543	27	27	13
	31	3,667	3,274	0	0	2,013	0	0	0	0	0	0	0	1,313	0	0	0
Total	48,501	48,152	0	372	49,147	0	0	111,011	95,034	96,071	0	0	98,274	933	915	714	

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake

Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)	
				Project			Natural	Project			Natural		
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improve. Channel	Steam Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	To Piru Creek	United Water Agency		
Dec 31	2570.21	160,039											
1	2570.18	160,001	-38	0	0	0	30	0	0	36	0	-32	
2	2570.03	159,815	-186	0	0	0	30	0	0	36	0	-180	
3	2570.05	159,840	25	0	0	0	29	64	0	36	0	96	
4	2568.96	158,492	-1,348	0	0	0	30	1,441	0	36	0	99	
5	2567.88	157,163	-1,329	0	0	0	29	1,099	0	36	0	-223	
6	2567.34	156,501	-662	0	0	0	29	689	0	36	0	34	
7	2566.13	155,025	-1,476	0	0	0	29	1,443	0	36	0	-26	
8	2564.69	153,280	-1,745	0	0	0	29	1,444	0	36	0	-294	
9	2563.64	152,015	-1,265	0	799	0	30	1,922	0	36	0	-136	
10	2563.40	151,727	-288	0	1,691	0	30	1,882	0	32	0	-95	
11	2560.38	148,129	-3,598	0	2,462	0	30	5,945	0	32	0	-113	
12	2557.59	144,852	-3,277	0	2,672	0	29	5,774	0	36	0	-168	
13	2556.12	143,143	-1,709	0	3,309	0	26	4,860	0	36	0	-148	
14	2555.35	142,253	-890	0	3,305	0	22	4,308	0	33	0	124	
15	2554.30	141,044	-1,209	0	3,305	372	26	4,621	0	33	0	-258	
16	2554.70	141,504	460	0	2,275	0	31	1,605	0	33	0	-208	
17	2555.12	141,987	483	0	612	0	30	189	0	33	0	63	
18	2554.96	141,803	-184	0	0	0	30	0	0	33	0	-181	
19	2554.88	141,711	-92	0	0	0	30	0	0	33	0	-89	
20	2554.95	141,791	80	0	0	0	30	0	0	33	0	83	
21	2554.74	141,550	-241	0	0	0	30	0	0	37	0	-234	
22	2554.65	141,446	-104	0	0	0	29	0	0	37	0	-96	
23	2555.76	142,726	1,280	0	1,557	0	30	324	0	37	0	54	
24	2558.42	145,823	3,097	0	3,280	0	30	0	0	37	0	-176	
25	2561.16	149,053	3,230	0	3,236	0	30	14	0	37	0	15	
26	2562.22	150,315	1,262	0	3,261	0	29	1,865	0	37	0	-126	
27	2563.55	151,907	1,592	0	3,275	0	64	1,833	0	37	0	123	
28	2564.67	153,256	1,349	0	3,282	0	175	2,035	0	50	0	-23	
29	2565.97	154,831	1,575	0	3,280	0	58	1,718	0	50	0	5	
30	2566.85	155,903	1,072	0	3,277	0	50	2,059	0	171	0	-25	
31	2567.67	156,906	1,003	0	3,274	0	49	2,013	0	187	0	-120	
Total				-3,133	0	48,152	372	1,153	49,147	0	1,408	0	-2,255

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow		Computed Losses (-) And Gains (+)
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake	
				Natural	Project 1/			
Dec 31	1470.00	7,341						
1	1470.01	7,343	2	0	0	0	0	2
2	1470.01	7,343	0	0	0	0	0	0
3	1470.01	7,343	0	64	0	0	0	-64
4	1470.01	7,343	0	1,441	0	0	0	-1,441
5	1475.85	8,491	1,148	1,099	0	0	0	49
6	1478.80	9,147	656	689	0	0	0	-33
7	1484.36	10,568	1,421	1,443	0	0	0	-22
8	1489.23	11,992	1,424	1,444	0	0	0	-20
9	1495.15	13,881	1,889	1,922	0	0	0	-33
10	1500.72	15,779	1,898	1,882	0	0	0	16
11	1497.40	14,635	-1,144	5,945	0	0	0	1
12	1489.01	11,925	-2,710	5,774	0	0	0	-2
13	1488.80	11,861	-64	4,860	0	0	0	0
14	1487.83	11,569	-292	4,308	0	0	0	367
15	1486.51	11,179	-390	4,621	0	0	0	-1
16	1481.53	9,813	-1,366	1,605	0	0	0	0
17	1482.63	10,099	286	189	1	0	1	97
18	1483.01	10,200	101	0	1	0	1	101
19	1483.28	10,272	72	0	1	0	1	0
20	1483.59	10,356	84	0	1	0	1	84
21	1483.90	10,441	85	0	1	0	1	85
22	1484.20	10,523	82	0	1	0	1	82
23	1485.64	10,928	405	324	1	0	1	81
24	1485.96	11,020	92	0	1	0	1	92
25	1486.27	11,110	90	14	1	0	1	76
26	1493.12	13,217	2,107	1,865	1	0	1	242
27	1490.65	12,431	-786	1,833	2	0	2	-12
28	1487.23	11,391	-1,040	2,035	4	0	4	3,071
29	1485.92	11,009	-382	1,718	2	0	2	1
30	1486.30	11,118	109	2,059	2	0	2	-4
31	1486.55	11,191	73	2,013	3	0	3	-8
Total				3,850	49,147	23	0	45,101
								-196

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries		
				Natural	Project				
12/31/06	1426.45	158,553							
1	1425.78	157,536	-1,017	0	0	4	942	0	
2	1425.13	156,553	-983	0	0	3	1,057	0	
3	1424.42	155,483	-1,070	0	0	3	1,109	0	
4	1423.66	154,341	-1,142	0	0	4	1,064	0	
5	1423.02	153,383	-958	0	0	4	1,021	0	
6	1422.37	152,413	-970	0	0	4	980	0	
7	1421.70	151,416	-997	0	0	3	990	0	
8	1420.97	150,334	-1,082	0	0	3	1,085	0	
9	1419.94	148,814	-1,520	0	0	3	1,505	0	
10	1418.74	147,054	-1,760	0	0	3	1,752	0	
11	1422.45	152,532	5,478	0	7,090	3	1,529	0	
12	1427.13	159,589	7,057	0	8,482	4	1,424	0	
13	1429.65	163,455	3,866	0	4,924	4	963	0	
14	1432.57	167,995	4,540	0	4,967	4	77	0	
15	1435.58	172,732	4,737	0	5,010	4	119	0	
16	1437.41	175,658	2,926	0	2,971	4	107	0	
17	1437.38	175,610	-48	1	0	4	0	0	
18	1437.34	175,546	-64	1	0	4	148	0	
19	1437.30	175,482	-64	1	0	4	77	0	
20	1437.22	175,354	-128	1	0	4	84	0	
21	1437.18	175,290	-64	1	0	4	67	0	
22	1437.10	175,162	-128	1	0	4	99	0	
23	1437.06	175,098	-64	1	0	4	63	0	
24	1437.02	175,034	-64	1	0	4	106	0	
25	1436.94	174,906	-128	1	0	4	81	0	
26	1436.90	174,842	-64	1	0	4	88	0	
27	1438.45	177,327	2,485	2	2,607	5	231	0	
28	1439.77	179,457	2,130	4	3,071	13	715	0	
29	1440.57	180,753	1,296	2	2,101	7	839	0	
30	1441.09	181,598	845	2	1,946	6	1,078	0	
31	1441.33	181,988	390	3	1,932	8	1,602	0	
Total			23,435	23	45,101	136	21,002	0	
								-823	

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

January 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Mile			Table A	Rec.	Article 21	Carryover Article 56	Article 56 Flex		
	No.	Structure										
29A	42	Oso Pumping Plant	1.49		48,501							
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Removed							
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub							
29G		Warne Power Plant	14.07	(Does not Include 372 AF of flow through Gorman Creek Imp. Channel)	48,152							
29H	W3	Pyramid Lake		USFS Pyramid Recreation (T300)	0							
				United WA (T300)	0							
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0							
29J	W4	Castaic Power Plant	25.82	(0 AF pumpback) 2/	49,078							
		Elderberry Forebay										
		Forebay Dam	28.12									
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	12		12	14,943	3,478			
		Castaic Dam	31.47									
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	18,421							
				Castaic Lake WA 18", 24" & 54" (T303)	1,779							
				Castaic Lake WA Rio Vista T.P. (T304)	790							
				MWD-Ventura Co. WPD (T302)	0							
				Releases to Lagoon	0							
				Reach 30 Subtotal:	21,002		0	12	14,943	6,047	0	
	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0							
		Castaic Lagoon Outlet	31.87		34							

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Project	Del. To CLAWA	Rec.	San Bernardino Tunnel	Natural To Mojave River		
Dec 31	3352.19	72,255											
1	3352.50	72,551	296	3,479	0	5	3	0	3,291	0	1	107	2
2	3352.47	72,523	-28	3,402	0	5	3	0	3,467	0	0	35	2
3	3351.37	71,473	-1,050	2,644	0	5	3	0	3,596	0	0	-100	2
4	3350.73	70,865	-608	2,930	0	5	2	0	3,423	0	0	-118	2
5	3351.04	71,159	294	3,455	0	5	3	0	3,322	0	1	160	2
6	3351.40	71,501	342	3,596	0	5	3	0	3,358	0	0	102	2
7	3350.98	71,102	-399	3,248	0	5	3	0	3,517	0	0	-132	2
8	3351.06	71,178	76	3,352	0	5	3	0	3,480	0	0	202	2
9	3350.92	71,045	-133	3,289	0	5	2	1	3,591	0	1	168	2
10	3350.67	70,809	-236	3,434	0	5	3	0	3,598	0	0	-74	2
11	3350.28	70,440	-369	3,449	0	5	3	0	3,677	0	0	-143	2
12	3350.33	70,487	47	3,456	0	5	3	0	3,442	0	1	32	2
13	3350.25	70,412	-75	3,460	0	5	2	0	3,519	0	0	-19	2
14	3350.14	70,308	-104	3,357	0	5	3	0	3,489	0	0	26	2
15	3350.05	70,223	-85	3,166	0	5	2	0	3,351	0	1	98	2
16	3349.91	70,092	-131	3,439	0	5	2	1	3,534	0	0	-38	2
17	3350.11	70,280	188	3,438	0	5	3	0	3,315	0	0	63	2
18	3349.63	69,829	-451	3,068	0	6	4	0	3,436	0	1	-84	2
19	3352.30	72,360	2,531	3,068	0	6	4	0	3,729	0	0	3,190	2
20	3349.38	69,594	-2,766	3,406	0	6	4	0	3,412	0	0	-2,762	2
21	3350.10	70,271	677	4,054	0	6	6	0	3,274	0	1	-102	2
22	3350.61	70,752	481	3,978	0	6	6	1	3,207	0	0	-289	2
23	3350.87	70,998	246	3,398	0	6	7	0	3,265	0	0	114	2
24	3351.63	71,720	722	3,719	0	6	7	0	2,970	0	1	-25	2
25	3351.82	71,901	181	3,250	0	6	7	0	3,093	0	0	25	2
26	3352.47	72,523	622	3,607	0	6	7	0	3,076	0	0	92	2
27	3353.31	73,330	807	3,566	0	6	7	0	2,797	0	1	40	2
28	3353.85	73,852	522	3,266	0	6	7	0	2,674	0	0	-69	2
29	3352.55	72,599	-1,253	323	0	6	7	0	1,515	0	0	-60	2
30	3351.85	71,930	-669	774	0	6	4	0	1,543	0	1	99	2
31	3350.25	70,412	-1,518	0	0	6	6	0	1,313	0	0	-205	2
Total				-1,843	96,071	0	169	130	3	98,274	0	10	334
												68	

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

January 2007

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Dec 31	1559.29	67,640				
1	1559.37	67,784	144		5	
2	1559.12	67,334	-450		5	
3	1559.26	67,586	252		6	
4	1559.29	67,640	54		36	
5	1559.29	67,640	0		448	
6	1559.29	67,640	0		65	
7	1559.37	67,784	144		65	
8	1559.37	67,784	0		72	
9	1559.30	67,653	-131		65	
10	1559.27	67,604	-49		65	
11	1559.31	67,676	72		66	
12	1559.20	67,478	-198		65	
13	1559.23	67,532	54		66	
14	1559.29	67,640	108		60	
15	1559.37	67,784	144		70	
16	1559.20	67,478	-306		65	
17	1559.31	67,676	198		65	
18	1559.31	67,676	0		65	
19	1559.15	67,388	-288		65	
20	1559.31	67,676	288		70	
21	1559.40	67,838	162		65	
22	1559.12	67,334	-504		65	
23	1559.15	67,388	54		65	
24	1559.09	67,280	-108		65	
25	1558.98	67,083	-197		65	
26	1559.09	67,280	197		65	
27	1559.45	67,928	648		166	
28	1559.86	68,669	741		229	
29	1559.89	68,718	49		229	
30	1559.84	68,633	-85		102	
31	1559.81	68,578	-55		155	
Total			938	5,151	2,760	-1,453

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

January 2007

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Recreation	Carryover Article 56	Transfer	Article 21	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45		151,591						
	41		298.65	KCWA Tej.-Cas	Stub						
17F		Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEAconstruction (T389)	0						
		Check No. 42	304.99								
	43	Alamo Powerplant	305.73	(Includes 0 AF generation, 0 AF plant bypass, and 111,011 AF Tehachapi bypass)	111,011						
			306.71	AVEK 305th Street West (T287)	0						
		Check No. 43	308.05	AVEK 294th Street West (T267)	0						
19	44		309.70								
		Check No. 44	311.84	LADWP Connection	0						
	45		313.50	AVEK 245th Street West (T269)	0						
		Check No. 45	314.81								
			314.93	AVEK 235th Street West (T270)	0						
	46		315.57	AVEK 225th Street West (T271)	0						
		Check No. 46	319.74								
			323.19	Antelope Valley-East Kern WA Fairmont (T272)	793					793	
				Mojave Water Agency Fairmont (T272)	36						
20A	47	Check No. 47	326.77		Reach 19 Total:	829	0	0	829	0	0
			326.91	Antelope Valley-East Kern WA Willow Springs (T273)	4						4
	48		329.65	Antelope Valley-East Kern WA 120th Street West	Removed						
		Check No. 48	330.82								
	49	Check No. 49	335.93								
	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	3,239						3,239
			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	7						7
			340.92	AVEK WA-Temp (T387)	3						3
		Check No. 50	341.51								
20B	51		342.06	AVEK WA-Temp (T386)	4						4
		Check No. 51	342.07								
	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0						
		Check No. 52	343.74								
	53		346.98	Palmdale WD (T276) Temp.	0						
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	85						85
		Check No. 53	348.17								
21	54	Check No. 54	350.25								
	55	Check No. 55	352.70								
	56	Check No. 56	354.76								
	57		354.97	AVEK WA - Delivered through Littlerock Creek ID (T278)	0						
			354.97	Palmdale WD (T276)	979						979
			354.97	Palmdale WD (T391)	6						6
22A	58	Check No. 57	356.93								
			357.60	AVEK 95th Street East (T279)	0						
			357.72	AVEK 96th Street East (T280)	0						
			359.76	AVEK East Side Treatment Plant (T281)	229						229

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

January 2007

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Recreation	Carryover Article 56	Transfer	Article 21		
	No.	Structure	Mile								
22B	58	Pearblossom Pumping Plant	360.61		95,034						
	59	Check No. 59	366.09								
	60		366.50	AVEK Big Rock Siphon (T368)	0						
		Check No. 60	373.94								
	61	Check No. 61	379.00								
	62	Check No. 62	384.26								
	63		389.20	Mojave Water Agency White Road 24" & 42" (T282)	334						
	64	Check No. 64	395.10								
	65	Check No. 65	400.32								
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)	367						
23		Check No. 66	403.41								
		Mojave Siphon	405.58	Las Flores Ranch Exchange	68						
24		Mojave Siphon Powerplant	405.65		96,071						
	67	Silverwood Lake	407.65	MWA CS DAM (T288)	0						
				California State Park Silverwood (T288)	3						
			407.70	Crestline-Lake Arrowhead WA State Project Water (T289)	130						
				Non-Project Water (T289)	0						
25		San Bernardino Intake Tunnel			98,274						
	Devil Canyon Powerplant	412.73		98,274							
26A	68	Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T292)	0						
				MWD-Rialto (T293)	51,502						
				Desert Water Agency Transfer (T293)	0						
				Coachella Valley WD Transfer (T293)	0						
				MWD EBX-1 (T290)	1,222						
				MWD EBX-1 (T291)	12,309						
				East Branch Extension	1,708						
						2/ 1,708					
28G	69	Santa Ana Valley Pipeline	425.46								
28H			433.06	MWD-SC Box Springs (T295)	5,660						
			440.05	MWD-SC Perris Bypass Pipeline (T296)	21,860						
			442.00	MWD-SC (T297)	159						
28J		Lake Perris	443.44	MWD-SC 54" & 78" (T299)	2,601						
				Calif. State Park							
				Lake Perris Recreation (T298)	0						
				MWD Total:	113,734	0	0	39,563	3,478	70,693	

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ Includes 0 AF to San Gabriel Valley MWD, 916 AF to San Bernardino MWD, and 792 AF to San Gorgonio Pass Water Agency.

Table 32. Water Quality At Selected SWP Locations

January 2007

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO ₃	38	105	69	89	72	68	73	74	72
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.2	0.1	0.3	0.2	0.1	0.2	0.2	0.1
Bromide	mg/l	<0.01	0.04	0.32	0.25	0.32	0.35	0.34	0.37	0.24
Calcium	mg/l	8	19	21	33	21	21	23	22	21
Carbon - Dissolved Organic	mg/l as C	NR	3	3	3	3	3	3	4	3
Carbon - Total Organic	mg/l as C	NR	4	3	3	3	4	4	4	3
Chloride	mg/l	1	19	103	86	104	114	111	116	75
Chromium	mg/l	<0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.002
Copper	mg/l	<0.001	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002
Fluoride	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hardness	mg/l as CaCO ₃	32	105	114	152	110	114	123	117	106
Iron	mg/l	0.005	0.018	0.034	0.005	0.020	0.028	0.022	0.024	0.014
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	3	14	15	17	14	15	16	15	13
Manganese	mg/l	<0.005	0.010	0.015	0.011	0.006	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l as N	<0.01	0.40	0.48	NR	1.00	1.07	1.15	0.79	0.86
Phosphorus-Ortho	mg/l as P	<0.01	0.03	0.07	NR	0.05	0.05	<0.01	0.05	0.04
Phosphorus-Total	mg/l	0.01	0.11	0.07	NR	0.08	0.09	0.11	0.08	0.07
Selenium	mg/l	<0.001	<0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.001
Sodium	mg/l	3	25	68	77	66	72	76	75	54
Specific Conductance	µS/cm	81	330	567	659	449	620	624	555	484
Sulfate	mg/l	2	25	36	84	41	41	46	41	35
Total Dissolved Solids	mg/l	54	188	313	375	315	348	343	351	268
Turbidity	NTU	2	13	9	8	10	12	16	10	1
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

January 2007

Date	Antioch Tides (feet above mean sea level)		Flow In CFS			Electrical Conductivity in milliSiemens/cm									Cl in mg/l	
			Net Delta Outflow Index		Rio Vista	Antioch	Chipps Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal		
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md	
38	1	6.59	4.15	13,308	13,308	18,699	1.59	4.86	0.34	0.44	0.96	1.16	0.61	0.64	0.55	147
	2	6.51	4.13	11,944	12,626	16,118	1.53	4.75	0.37	0.44	0.88	1.12	0.61	0.67	0.56	155
	3	6.71	4.32	10,540	11,931	14,710	1.41	5.19	0.42	0.43	0.85	1.09	0.61	0.67	0.53	160
	4	6.71	4.39	10,220	11,503	13,577	1.64	5.74	0.42	0.42	0.81	1.05	0.61	0.68	0.49	155
	5	5.71	3.82	10,798	11,362	13,423	1.14	3.18	0.39	0.41	0.72	1.01	0.60	0.73	0.50	175
	6	5.31	3.39	12,153	11,494	14,193	0.96	2.59	0.32	0.40	0.68	0.97	0.62	0.72	0.51	175
	7	4.98	3.30	11,904	11,552	14,193	0.86	2.38	0.29	0.39	0.64	0.94	0.61	0.71	0.50	170
	8	4.73	3.29	12,059	11,616	14,817	0.68	2.22	0.28	0.38	0.61	0.90	0.60	0.71	0.46	175
	9	4.99	3.44	11,162	11,565	14,137	0.80	2.66	0.27	0.37	0.59	0.86	0.59	0.75	0.50	180
	10	5.38	3.71	9,301	11,339	13,030	0.85	0.00	0.27	0.34	0.58	0.82	0.58	0.78	0.50	165
	11	5.42	3.48	7,897	11,026	12,285	0.88	3.60	0.25	0.33	0.56	0.78	0.58	0.80	0.53	175
	12	5.42	3.36	6,915	10,683	12,050	0.82	3.12	0.23	0.32	0.56	0.75	0.57	0.83	0.50	165
	13	5.38	3.33	5,927	10,318	11,681	0.87	3.65	0.23	0.32	0.54	0.71	0.56	0.80	0.45	170
	14	5.78	3.64	4,954	9,934	10,776	1.13	4.73	0.28	0.31	0.55	0.68	0.56	0.77	0.44	160
	15	5.79	3.65	8,507	9,839	10,232	1.38	5.49	0.33	0.31	0.54	0.65	0.56	0.75	0.44	165
	16	6.07	3.84	8,628	9,764	10,357	1.64	6.06	0.41	0.31	0.53	0.63	0.56	0.76	0.40	165
	17	6.44	4.03	8,561	9,693	10,270	1.87	6.73	0.46	0.32	0.55	0.60	0.54	0.75	0.47	165
	18	6.30	3.94	7,867	9,591	9,535	1.82	6.55	0.48	0.32	0.53	0.58	0.55	0.76	0.47	165
	19	6.61	3.58	8,182	9,517	9,889	1.78	6.27	0.47	0.33	0.53	0.57	0.53	0.76	0.51	150
	20	6.09	3.85	8,244	9,454	9,727	1.68	6.17	0.43	0.33	0.51	0.56	0.55	0.76	0.46	150
	21	5.74	3.72	8,293	9,398	9,741	1.31	5.04	0.34	0.34	0.49	0.55	0.54	0.78	0.43	150
	22	5.33	3.52	8,433	9,354	9,751	1.23	4.92	0.32	0.34	0.47	0.54	0.54	0.77	0.46	150
	23	5.06	3.44	6,632	9,236	9,380	1.16	4.44	0.29	0.34	0.45	0.53	0.55	0.77	0.46	145
	24	5.32	3.40	7,041	9,145	9,290	1.10	4.43	0.32	0.35	0.45	0.52	0.53	0.78	0.47	135
	25	5.68	3.52	6,759	9,049	9,145	1.24	4.64	0.30	0.35	0.46	0.51	0.52	0.79	0.53	125
	26	6.06	3.78	6,555	8,953	8,931	1.48	5.59	0.28	0.35	0.49	0.51	0.48	0.78	0.52	100
	27	6.26	3.96	6,514	8,863	8,706	1.73	6.01	0.41	0.37	0.52	0.51	0.48	0.78	0.52	104
	28	6.32	4.08	6,632	8,783	8,724	1.98	6.76	0.53	0.38	0.54	0.50	0.48	0.77	0.51	100
	29	6.34	4.12	7,564	8,741	8,943	2.03	6.83	0.51	0.40	0.54	0.50	0.48	0.77	0.51	94
	30	6.63	4.36	8,341	8,728	9,286	2.36	7.52	0.33	0.39	0.58	0.51	0.53	0.74	0.49	94
	31	6.49	4.32	8,527	8,721	9,882	2.26	7.35	0.00	0.38	0.57	0.51	0.47	0.74	0.00	92

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

f = Excess Delta conditions with fish concerns.

N.R. = No Record.

N.C. = Not computed due to insufficient data.

r = Excess delta conditions with export/inflow ratio concerns.

dm = Daily Mean

s = Balanced water conditions with storage withdrawals.

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

January 2007

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	September 20, 2006	Triclopyr 2,4-D	0.20 0.10
California Aqueduct At Banks Pumping Plant	September 20, 2006	2,4-D	0.20
O'Niell Forebay Outlet Check 13	September 20, 2006	2,4-D	0.10
Delta Mendota Canal At McCabe Road	September 20, 2006	2,4-D	0.40
California Aqueduct Near Kettleman City (Check 21)	September 19, 2006	2,4-D	0.10
California Aqueduct At Near Highway 119 (Check 29)	September 19, 2006	2,4-D	0.20
California Aqueduct at Tehachapi Afterbay (Check 41)	September 20, 2006	2,4-D Chlorpyrifos	0.10 0.01
California Aqueduct At Devil Canyon Headworks	June 21, 2006	None Detected	

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh)

January 2007

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	157,120	10,810	21,550	30,560	3,544,950	3,544,950	200,240	890
2	2,213,150	8,580	22,220	30,830	2,798,390	2,798,390	218,410	880
3	4,917,420	4,310	21,800	31,030	2,832,140	2,832,140	218,430	880
4	4,518,650	4,090	22,960	32,150	2,768,290	2,768,290	223,050	900
5	5,549,810	3,740	22,070	32,710	2,289,720	2,289,720	246,140	880
6	2,967,130	3,560	19,040	33,690	2,262,580	2,262,580	252,480	880
7	2,743,760	10,010	16,720	31,720	2,211,890	2,211,890	197,470	880
8	2,775,270	4,200	18,440	32,790	2,523,320	2,523,320	193,450	880
9	7,789,660	3,050	19,500	32,020	2,530,180	2,530,180	204,360	880
10	8,267,870	580	18,430	30,810	2,515,010	2,515,010	172,890	880
11	3,415,260	4,260	18,190	30,460	3,214,340	3,214,340	205,100	890
12	4,668,870	3,170	15,710	30,480	3,367,460	3,367,460	283,510	880
13	4,999,820	4,370	17,230	33,130	3,441,560	3,441,560	306,370	890
14	5,757,070	5,530	17,640	32,160	3,389,580	3,389,580	322,680	900
15	4,663,820	4,310	18,710	32,800	1,192,230	1,192,230	323,280	900
16	3,250,720	3,740	19,130	34,110	1,046,370	1,046,370	291,370	900
17	1,659,710	10,420	23,600	38,500	1,107,920	1,107,920	288,170	900
18	1,194,790	10,300	19,430	32,780	1,117,250	1,117,250	300,850	900
19	5,933,060	1,850	19,660	33,540	1,117,990	1,117,990	300,750	900
20	1,466,910	6,210	16,830	31,140	914,350	914,350	316,900	890
21	2,814,870	6,610	18,690	33,350	939,030	939,030	319,910	890
22	2,597,240	6,570	21,410	35,560	933,050	933,050	346,070	880
23	3,854,470	3,970	21,130	33,660	1,478,520	1,478,520	321,680	880
24	2,770,450	3,620	18,720	34,140	1,428,860	1,428,860	336,680	870
25	3,486,950	3,810	19,410	33,020	1,340,170	1,340,170	328,240	880
26	2,264,030	2,930	23,030	35,880	1,334,600	1,334,600	348,380	870
27	1,150,890	7,260	18,830	32,190	1,346,180	1,346,180	397,550	850
28	1,065,200	6,450	20,010	34,550	1,098,700	1,098,700	397,320	850
29	4,912,640	450	21,610	35,810	2,353,270	2,353,270	385,760	850
30	3,858,260	1,780	19,630	32,840	252,860	252,860	390,260	850
31	2,267,140	3,110	19,640	34,390	1,512,210	1,512,210	374,970	850
Total	109,952,010	153,650	610,970	1,022,800	60,202,970	60,202,970	9,012,720	27,300

Table 36. San Luis Field Division Energy Data

(in kWh)

January 2007

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	896,290	680,290	0	0	5,555,070	2,555,070
2	757,710	549,710	0	0	5,534,600	3,030,600
3	1,156,270	948,270	0	0	5,148,670	2,148,670
4	1,278,320	1,070,320	0	0	4,626,420	1,890,420
5	1,100,070	892,070	0	0	4,590,810	1,854,810
6	1,126,340	918,340	0	0	4,550,520	1,814,520
7	1,167,710	951,710	0	0	2,909,840	1,709,840
8	1,211,200	1,003,200	0	0	2,906,090	1,706,090
9	1,321,710	1,113,710	0	0	2,901,670	1,701,670
10	1,597,860	1,389,860	0	0	1,261,950	61,950
11	1,766,870	1,558,870	0	0	1,260,560	-17,440
12	1,907,270	1,467,270	0	0	2,479,370	79,370
13	1,905,080	1,465,080	0	0	1,539,580	39,580
14	1,989,700	1,557,700	0	0	1,230,120	30,120
15	1,867,670	1,427,670	759,950	759,950	8,110	8,110
16	2,097,100	1,657,100	1,211,820	1,211,820	8,270	8,270
17	1,909,270	1,469,270	775,080	775,080	15,660	15,660
18	1,416,960	976,960	774,280	774,280	8,030	8,030
19	1,478,800	1,038,800	750,870	750,870	7,970	7,970
20	1,493,620	1,053,620	0	0	22,360	22,360
21	1,726,400	1,294,400	0	0	22,470	22,470
22	1,347,100	907,100	327,050	327,050	16,300	16,300
23	1,709,450	1,269,450	1,707,050	1,707,050	2,130	2,130
24	2,239,160	1,711,160	2,307,180	2,307,180	2,020	2,020
25	2,309,730	1,781,730	1,300,450	1,300,450	13,420	13,420
26	2,207,880	1,679,880	3,074,150	3,074,150	7,910	7,910
27	2,148,550	1,620,550	1,122,530	1,122,530	9,650	9,650
28	2,128,000	1,600,000	1,679,140	1,679,140	7,690	7,690
29	1,488,500	960,500	1,658,350	1,658,350	7,510	7,510
30	1,652,840	1,124,840	685,880	685,880	617,150	617,150
31	1,657,090	833,090	465,130	465,130	18,010	18,010
Total	50,060,520	37,972,520	18,598,910	18,598,910	47,289,930	19,399,930

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

(in kWh)

January 2007

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	8,910	20,910	38,740	35,560	39,690	876,110	990,060	2,197,770	8,198,120
2	12,200	28,760	26,940	25,450	27,710	733,870	858,490	1,927,430	7,210,940
3	17,570	44,480	32,360	30,810	32,530	849,960	912,710	2,036,030	7,464,660
4	21,150	53,270	43,360	40,870	44,020	898,890	977,510	2,201,450	8,190,690
5	13,520	35,810	35,320	33,630	36,990	847,400	996,740	2,205,930	8,384,580
6	15,330	41,600	42,220	39,550	44,090	1,012,080	1,119,640	2,472,020	9,176,600
7	9,320	23,140	31,280	29,110	30,950	766,050	842,580	1,881,010	6,900,610
8	9,880	24,670	27,920	26,360	28,940	903,540	968,750	2,171,450	8,174,520
9	14,410	37,770	42,270	39,980	43,320	999,830	1,123,100	2,505,610	9,057,800
10	16,730	43,010	42,610	40,120	43,710	1,220,790	1,350,350	2,970,130	11,227,920
11	15,570	40,190	44,130	41,550	44,920	1,193,510	1,379,250	3,082,360	11,239,990
12	13,910	36,180	34,230	32,370	34,950	1,496,130	1,472,370	3,235,960	12,139,550
13	13,820	34,930	34,770	32,570	35,360	1,867,000	1,839,920	4,071,500	15,306,620
14	9,590	25,530	44,960	42,660	47,700	2,071,280	2,129,730	4,755,900	17,788,110
15	9,200	23,090	44,730	40,650	43,450	2,076,320	2,132,350	4,742,930	17,759,790
16	7,560	19,130	27,370	25,870	29,250	1,940,660	2,138,540	4,740,550	17,797,560
17	10,600	26,570	39,690	37,900	39,840	1,263,150	1,328,970	2,958,760	10,894,420
18	10,870	27,440	38,320	36,530	40,450	705,210	836,400	1,855,320	6,911,380
19	13,090	34,200	40,260	38,120	41,060	876,920	960,010	2,200,750	8,204,490
20	11,510	30,660	40,710	38,450	41,670	942,400	1,017,700	2,235,840	8,193,720
21	11,900	31,190	48,010	45,000	49,510	1,071,750	1,189,700	2,696,350	10,120,220
22	9,000	23,050	33,860	32,260	34,790	878,720	1,020,920	2,271,050	8,231,030
23	11,550	27,290	41,030	38,600	42,270	956,470	1,034,490	2,268,120	8,508,700
24	11,020	28,640	42,780	40,340	43,120	1,740,840	1,927,180	4,310,440	16,038,620
25	14,040	35,570	39,030	37,290	40,330	1,732,820	1,928,170	4,303,080	16,050,530
26	14,440	37,520	38,190	36,100	38,990	1,760,660	1,924,010	4,272,750	16,051,640
27	14,470	37,180	45,780	42,350	46,870	1,738,990	1,946,340	4,322,940	16,049,230
28	9,360	23,590	37,290	34,900	38,570	1,721,640	1,882,110	4,211,140	15,787,930
29	8,820	21,760	28,210	27,030	29,980	849,660	983,220	2,146,440	7,920,340
30	9,140	23,040	35,120	32,980	35,560	877,070	972,660	2,128,820	7,920,910
31	8,880	22,220	32,220	30,140	33,210	931,890	981,010	2,169,770	7,932,110
Total	377,360	962,390	1,173,710	1,105,100	1,203,800	37,801,610	41,164,980	91,549,600	340,833,330

Table 38. Southern Field Division Energy Data

January 2007

(in kWh)

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	9,901	0	0	0	2,307,099	3,952,512	265,200	16,451	21,034	385
2	9,941	0	0	0	2,093,719	4,150,761	254,549	32,400	43,199	375
3	9,960	0	0	0	1,855,174	4,225,761	197,933	32,646	42,941	375
4	9,713	0	0	0	1,919,182	4,094,749	220,006	23,414	31,829	375
5	10,287	850	0	0	2,393,460	3,985,888	263,568	22,736	30,430	375
6	10,545	0	0	0	2,326,022	4,023,695	275,386	16,686	21,361	413
7	10,050	0	0	0	2,258,654	4,192,840	253,392	16,264	20,974	375
8	59,792	0	0	0	2,258,664	4,160,947	263,390	33,098	43,278	375
9	250,218	497,260	0	0	2,258,614	4,257,575	259,899	33,019	43,328	385
10	263,158	1,027,970	0	0	2,162,493	4,277,492	269,482	23,159	30,529	385
11	349,842	1,430,320	1,320,000	0	2,259,232	4,357,654	270,164	24,504	32,146	403
12	533,406	1,567,470	1,320,000	0	2,258,315	4,112,273	269,472	18,660	24,328	563
13	847,297	1,832,360	1,320,000	0	2,257,478	4,198,873	268,473	16,873	21,659	610
14	927,851	1,834,440	1,320,000	0	2,257,836	4,159,949	261,135	17,384	22,244	610
15	1,095,089	1,836,500	3,984,000	0	2,259,781	3,985,087	246,835	24,229	22,066	582
16	1,096,871	1,269,000	3,984,000	0	2,259,751	4,218,167	267,890	39,393	42,564	535
17	247,129	308,500	1,920,000	0	2,255,344	3,958,831	267,840	24,533	32,354	506
18	10,218	0	0	0	2,006,211	4,095,856	240,694	24,317	32,186	506
19	10,129	0	0	0	2,268,594	4,415,902	246,816	23,178	30,559	385
20	9,941	0	0	0	2,318,195	4,077,047	272,824	8,397	10,299	413
21	9,851	0	0	0	2,798,285	3,927,462	304,035	16,902	21,460	385
22	22,564	0	0	0	2,428,395	3,851,770	300,267	25,565	33,297	413
23	35,337	935,410	0	0	2,318,814	3,919,996	266,614	17,747	22,661	422
24	817,614	1,839,460	0	0	2,335,932	3,587,352	286,580	17,335	22,086	403
25	814,366	1,821,310	2,880,000	0	2,379,661	3,723,042	251,642	5,353	5,993	413
26	832,129	1,828,670	2,880,000	0	2,331,117	3,723,962	274,229	1,306	486	413
27	884,594	1,833,350	2,880,000	0	2,335,284	3,438,390	268,236	8,535	10,289	403
28	874,564	1,836,480	2,880,000	0	2,250,708	3,271,746	243,176	9,301	11,420	403
29	926,752	1,837,200	2,880,000	0	15,623	1,868,651	18,621	17,668	22,383	403
30	985,317	1,838,400	2,880,000	0	544,028	1,901,681	57,120	17,973	22,492	403
31	962,683	1,840,460	2,880,000	0	16,052	1,593,710	0	1,444	575	488
Total	12,937,109	27,215,410	35,328,000	0	63,987,717	117,709,622	7,405,469	610,469	772,448	13,478

/1 Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations